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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 2. 2 FEBRUARY, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1955, averaged 43,839 barrels daily, a decrease of 685 barrels from the average January production of 44,524.

The ten refineries in the State processed 60,637 barrels of crude oil daily for the month of February, a decrease of 1,974 barrels daily from the 62,611 barrels processed daily during the month of January.

During February, 25 wills were completed, 11 oil, no gas wells and 14 dry holes.

During February, the Commission issued 19 permits to drill new wells, a decrease of 3 from the 22 permits issued during January.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA
MONTH OF FEBRUARY, 1955

	TOTAL
IN STORAGE FEBRUARY 1ST:	
By Producers	279,593
By Transporters	408,323
By Refiners	299,788
TOTAL STORAGE	987,704
PRODUCED DURING MONTH	1,227,502
TOTAL	2,215,206
DISPOSITION:	
Refined in Montana	811,463
Shipped to Other States	448,309
Used for Fuel or Lost	9,256
TOTAL	1,269,028
IN STORAGE FEBRUARY 28TH:	
By Producers	275,609
By Transporters	370,606
By Refiners	299,963
TOTAL STORAGE	946,178

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1955

Field	M. C. F.
Bears Den	1,271
Big Wall	140
Bowdoin	541,897
Bowes	125,909
Cedar Creek	540,549
Cut Bank (includes Reagan)	1,431,076
Dry Creek	269,900
East Poplar	3,635
Golden Dome	36,710
Hardin	7,128
Keith Block	126,148
Kevin-Sunburst	114,185
Ragged Point	50
Utopia	102,335
West Sumatra	895
Whitlash Area	187,179
TOTAL	3,489,007

Total withdrawals for February, 1954, were 2,811,866 M.C.F.

PRODUCER'S REPORT—Month of February, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,936	5,519	.....	6,437	.....	1,018
10	Big Wall	22	4,028	21,526	.....	21,155	.....	4,399
4	Border	8	.....	332	.....	332	.....	.....
10	Bowes	75	5,760	49,024	49,875	.....	.....	4,909
1	Brady-Midway	1	207	139	.....	148	.....	198
1	Brorson (Sidney Area)	2	1,712	5,758	3,556	.....	992	2,922
1	Cabin Creek	9	4,026	34,536	33,291	.....	1,822	3,449
27	Cat Creek	85	5,353	12,667	11,796	.....	.....	6,224
1	Clark's Fork	1	936	1,661	.....	879	398	1,320
313	Cut Bank	1,087	129,217	214,271	221,058	.....	10	122,420
3	Deer Creek	7	2,774	14,157	15,248	.....	.....	1,683
..	Devil's Basin	....	875	.....	.....	.....	.....	875
4	Dry Creek	6	1,567	14,506	14,749	.....	.....	1,324
20	Elk Basin	59	6,446	108,601	105,078	.....	.....	9,969
1	Fertile Prairie	1	396	2,962	.....	2,916	.....	442
2	Frannie	2	376	1,094	1,056	.....	.....	414
1	Gage	1	703	230	.....	377	.....	556
5	Glendive	13	4,562	51,640	50,368	.....	.....	5,834
1	Golden Dome	1	281	580	.....	332	.....	529
1	Hardin Area	3	1,015	3,260	.....	3,367	.....	908
1	Ivanhoe Dome	2	373	2,487	.....	2,584	.....	276
194	Kevin-Sunburst	1,389	17,278	82,799	82,680	.....	319	17,078
1	Lake Basin	1	1,443	107	.....	.....	.....	1,550
1	Little Beaver	2	2,304	7,873	.....	7,550	298	2,329
2	East Little Beaver	2	1,834	2,903	.....	2,013	778	1,946
3	Melstone	5	2,447	6,762	.....	6,268	.....	2,941
3	Mosser	5	.....	394	.....	394	.....	.....
2	Pine Unit Area	16	6,609	59,418	53,133	.....	3,385	9,509
78	Pondera	311	16,566	33,425	33,565	.....	.....	16,426
44	Poplar Area	48	24,313	305,233	249,480	59,062	980	20,024
4	Northwest Poplar	4	1,468	3,240	.....	3,095	.....	1,613
2	Ragged Point	3	978	1,493	.....	996	.....	1,475
2	Reagan	39	2,822	17,034	16,437	.....	.....	3,419
6	Richey	10	4,744	9,601	.....	9,274	.....	5,071
..	Sand Creek	....	65	.....	.....	.....	.....	65
1	Southwest Richey	3	1,684	8,796	.....	8,308	.....	2,172
4	Soap Creek	9	2,679	7,827	.....	7,134	.....	3,372
15	Sumatra	47	13,038	123,642	.....	126,381	.....	10,299
4	Sweetgrass Hills	4	722	505	.....	327	.....	900
..	Wibaux Area	....	787	.....	.....	.....	142	645
8	Whitlash	21	4,154	10,723	11,187	.....	.....	3,690
..	Wolf Creek	....	51	.....	.....	.....	.....	51
1	Woodrow	1	752	200	476	.....	.....	476
1	Yellowstone	1	312	577	.....	.....	.....	889
784	Total	3,310	279,593	1,227,502	953,033	269,329	9,124	275,609

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
January, 1955	1,380,246	44,524	1,358,854	43,834
February, 1955	1,227,502	43,839	1,222,362	43,655

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
January 31, 1955	279,593	408,323	568,340	1,256,256
February 28, 1955	275,609	370,606	510,531	1,156,746

*Includes Wyoming Oil

TRANSPORTER'S REPORT—Month of February, 1955

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK									
Trucks			6,437				6,437		
BIG WALL									
Trucks	3,774		21,155			7,866	14,213		2,850
BORDER									
Trucks			332				332		
BOWES									
Northern Pump Co.	1,506	12,054			(68)		12,401		1,227
The Texas Company	1,240	37,821				19,658	18,624		779
	2,746	49,875			(68)	19,658	31,025		2,006
BRADY-MIDWAY									
Trucks			148			148			
BRORSON									
Sun Oil Co.	2,340	3,556					4,638		1,258
CAB. CRK. & PINE UNIT									
Shell Oil Co.	26,990	86,695				72,707	15,199		25,779
CAT CREEK									
Continental Oil Co.	4,319	9,204			48	8,542			4,933
Wm. Hanlon		2,592				2,592			
	4,319	11,796			48	11,134			4,933
CLARK'S FORK									
Trucks			879				879		
CUT BANK									
Darling Gather. Sys.	4,401	36,774				36,357			4,818
Phil. Pet. Co.	78,816	44,622			970	33,871		21,669	66,928
The Tex. Pipeln. Co.	121,756	43,445		55,786	619	93,051		15,881	111,436
Toronto Pipe Line Co.	24,211	64,139			71			62,732	25,547
Union Oil Co.	88,056	32,742		44,496	924	93,650			70,720
	317,240	221,722		100,282	2,584	256,929		100,282	279,449
DRY CREEK									
Ohio Oil Co.	9,335	14,950			255	15,011			9,019
ELK BASIN									
Ohio Oil Co.		105,078				74,473	30,605		
FERTILE PRAIRIE									
Trucks			2,916				2,916		
FRANNIE									
Ohio Oil Co.		1,056					1,056		
GAGE									
Trucks			377			377			
GLENDIVE AREA									
The Tex. Pipeln. Co.	8,774	65,408			(35)	51,669	16,034		6,514
GOLDEN DOME									
Trucks			332				332		
HARDIN AREA									
Trucks			3,367				3,367		
IVANHOE DOME									
Trucks			2,584			2,584			
KEVIN-SUNBURST									
Big West Oil Co.	1,994	34,353				33,105			3,242
Homestake Oil & Gas	266	3,246				2,947			565
Texas Pipe Line Co.	10,287	43,470		1,542	251	44,766			10,282
Anna Aronow	142	1,588						1,542	188
	12,689	82,657		1,542	251	80,818		1,542	14,277
LITTLE BEAVER									
Shell Oil Co.			7,550			6,331	1,219		
EAST LITTLE BEAVER									
Shell Oil Co.			2,013			1,684	329		
MELSTONE									
Trucks			6,268			6,268			
MOSSER									
Trucks			394			394			
PONDERA									
Phillips Pet. Co.	7,372	33,603			874	27,992			12,109
POPLAR AREA									
East Poplar G. Sys.	5,609	249,480					246,432		8,657
Plastic Service									
Trucks			59,062			13,577	45,485		
	5,609	249,480	59,062			13,577	291,917		8,657
NORTHWEST POPLAR									
Trucks			3,095				3,095		
RAGGED POINT									
Trucks	842		996			996			842
REAGAN									
Union Oil Co.		16,437				16,437			
RICHEY AREA									
Shell Oil Co. & Trucks			9,274				9,274		
SOUTHWEST RICHEY									
Shell Oil Co.			8,308				8,308		
SOAP CREEK									
Trucks			7,134				7,134		
SUMATRA AREA									
Trucks	4,918		126,381			129,643			1,656
SWEET GRASS HILLS									
Homestake Oil & Gas Co.	655	2,276		7,831		10,296			466
W. Natural Gas Co.	720	7,902						7,831	791
Trucks			327			327			
	1,375	10,178	327	7,831		10,623		7,831	1,257
GRAND TOTAL	408,323	952,491	269,329	109,655	3,909	807,319	448,309	109,655	370,606

BARRELS OF CRUDE OIL REFINED IN MONTANA

Month of February, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond A Co.	Farmers Union	Jet Fuel Refinery	Modern Oil Co. Inc.	Phillips Pet. Co.	The Texas Co.	Union Oil Co.	TOTAL BY FIELDS
Big Wall		7,866									7,866
Border									745		745
Bowes				16,352							16,352
Brady-Midway								148			148
Cabin Creek			30,093								30,093
Cat Creek			8,895			2,096					10,991
Cut Bank	17,968							34,373	146,828	89,843	289,012
Dry Creek					15,356						15,356
Elk Basin		51,583	22,890								74,473
Gage					377						377
Glendive Area					50,286						50,286
Ivanhoe Dome					3,174						3,174
Kevin-Sunburst	38,246								38,938		77,184
Little Beaver			6,331								6,331
East Little Beaver			1,684								1,684
Melstone					7,988						7,988
Mosser					394						394
Pine Unit			43,797								43,797
Pondera								27,179			27,179
Poplar						13,577					13,577
Ragged Point		996									996
Reagan										16,437	16,437
Sumatra		55,570			46,033						101,603
Sweet Grass Hills	328								14,083	1,009	15,420
TOTAL MONTANA OIL	56,542	116,015	113,690	16,352	123,608	15,673		61,700	200,594	107,289	811,463
South Dakota Oil, Imported			1,815								1,815
Wyoming Oil, Imported		422,799	176,228		285,544						884,571
TOTAL, MONTANA, SOUTH DAKOTA & WYOMING OIL	56,542	538,814	291,733	16,352	409,152	15,673		61,700	200,594	107,289	1,697,849

AVERAGE BARRELS PER DAY

	Montana	So. Dakota	Wyoming	TOTAL
Year, 1954	24,752	25	29,768	54,545
February, 1954	26,395	....	29,487	55,882
February, 1955	28,980	65	31,592	60,637

PERCENTAGE OF CRUDE REFINED

	Montana	So. Dakota	Wyoming
Year, 1954	45.37%	.06%	54.57%
February, 1954	47.23%	....	52.77%
February, 1955	47.79%	.11%	52.10%